

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A high power lithium unit cell, comprising:
at least one rectangular anode cathode plate having an anode a cathode collector, at least one surface of the anode cathode collector being coated with an active material of anode cathode;
at least one rectangular cathode anode plate having a anode collector, at least one surface of the cathode anode collector being coated with an active material of cathode anode;
at least one separation film inserted between the rectangular anode cathode plate and the rectangular cathode anode plate, and providing electric insulation;
an-anode a cathode terminal connected to an anode a cathode plate connecting part which protrudes from either of two long sides of four sides of the rectangular anode cathode plate; and
a-cathode an anode terminal connected to a cathode an anode plate connecting part which protrudes from either of two long sides of four sides of the rectangular cathode anode plate.
2. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode terminal and the cathode anode terminal protrude in opposite directions.
3. (Currently amended) The high power lithium unit cell according to claim 2, wherein the anode cathode terminal has a width corresponding to about 1/5 to 1 of a length of the long side of the anode cathode plate, and the cathode anode terminal has a width corresponding to about 1/5 to 1 of a length of the long side of the cathode anode plate.
4. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode terminal and the cathode anode terminal protrude in the same direction.
5. (Currently amended) The high power lithium unit cell according to claim 4, wherein the anode cathode terminal has a width corresponding to about 1/8 to 1/2 of a length of the long side of the anode cathode plate, and the cathode anode terminal has a width corresponding to about 1/8 to 1/2 of a length of the long side of the cathode anode plate.
6. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode plate connecting part and the anode plate connecting part are connected to the anode cathode terminal and the cathode anode terminal, respectively, through welding.

7. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode plate connecting part and the cathode anode plate connecting part are coated with a highly conductive material and compressed against the anode cathode terminal and the cathode anode terminal so as to be connected to the anode cathode terminal and the cathode anode terminal, respectively.

8. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode plate connecting part and the cathode anode plate connecting part are connected to the anode cathode terminal and the cathode anode terminal, respectively, using an adhesive containing a highly conductive material.

9. (Currently amended) A high power lithium battery pack, comprising:
at least one high power lithium unit cell, comprising:
at least one rectangular anode cathode plate, separation film, and rectangular cathode anode plate sequentially laminated;
an anode cathode terminal extending outwards from either of two long sides of four sides of the rectangular anode cathode plate; and
a cathode anode terminal extending outwards from either of two long sides of four sides of the rectangular cathode anode plate;
at least two gaskets laminated on both surfaces of the high power lithium unit cell; and
a pair of support plates laminated on the outermost gaskets at least.

10. (Original) The high power lithium battery pack according to claim 9, wherein each of the support plates is made of a conductive material for heat emission.

11. (Currently amended) The high power lithium battery pack according to claim 9, wherein air flows through space defined between the anode cathode terminal, the cathode anode terminal, and the support plates, thus maintaining temperature of the high power lithium unit cell.

12. (Original) The high power lithium battery pack according to claim 11, wherein the high power lithium unit cell maintains a temperature range of -20°C to 50°C.

13. (Original) The high power lithium battery pack according to claim 11, wherein the high

power lithium unit cell maintains a temperature range of 0° C to 40° C.